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# (12) United States Patent Beard et al.

CA (US)

# (54) INTERACTIVE VEHICLE INFORMATION

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See application file for complete search history.

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#### (57) ABSTRACT

An interactive vehicle information map system is disclosed in which, in various embodiments, geographical, geospatial, vehicle, and other types of data, geodata, objects, features, and/or metadata are efficiently presented to a user on an interactive map interface. In an embodiment, the user may search vehicle-related data via the interactive map by providing search criteria including, for example, information regarding a geographic area, a time period, a vehicle, a vehicle owner, and/or a license plate number, among other items. The map system may provide search results including a list of vehicles that match the search criteria, vehicle information, and/or points on the interactive map that indicate license-plate recognition read locations, among other information. In an embodiment, the user may view detailed information associated with particular vehicles including, for example, captured images, vehicle-owner data, event history, and the like. Further, the user may export data and/or create search alerts.

#### 20 Claims, 17 Drawing Sheets

